

SAVIC, Dragislav; MIHALJEVIC, Biljka; ISVANESKI, Milorad; STOJIMIROVIC, Emilija; MISROVIC, Kosta; LIPUSAVIC, Miodir.

Tonsils in tuberculosis. Srpski arh. celok. lek. 92 no.11:
1105-1108 N'64.

1. Otorinolaringološka klinika Medicinskog fakulteta Univer-
ziteta u Beogradu (Upravitelj: prof. dr. Srecko Fedyniec);
Patoloski institut Medicinskog fakulteta Univerziteta u
Beogradu (Upravitelj: prof. dr. Zivojin Ljnjacov).

S/137/62/000/007/014/072
A052/A101

AUTHORS: Misra, S. K., Krishnan, A. A.

TITLE: Dispersion strengthening of copper by alumina

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 7, 1962, 44, abstract 7G307
("J. Scient. and Industr. Res.", v. D21, no. 1, 1962, 27 - 28,
English)

TEXT: The strengthening of Cu by adding 5% Al_2O_3 was investigated. Materials were prepared by intermixing electrolytic Cu powder and Al_2O_3 powder and by a joint reduction of the evaporated and dried mixture by $Cu(OH)_2$ and $Al(OH)_3$. The hydroxides were precipitated from Cu and Al chlorides by means of NaOH and $(NH_4)OH$. Powdered mixtures were pressed under ~ 6 t/cm² and pressings were sintered at 1,000°C during 1 - 8 hours. The dispersity of both phases is higher, the distribution of the strengthening phase is more uniform, when the second method of material preparation is applied. Material prepared by the second method has high density, hardness and ductility. The hardness of both groups of materials increases with the increase of sintering time which is connected with γ - α conversion of Al_2O_3 .

[Abstracter's note: Complete translation]
Card 1/1

O. Padalko

HUNGARY

MISRA, M. S. and TOTH, B. L., Department of Physiology at the University for Veterinary Sciences [original-language version not given] in Budapest (Head: KEMENY, A., Professor).

"Total Serum Protein and Electrophoretic Pattern of Serum and Albumen in Fowls"

Budapest, Acta Veterinaria Academiae Scientiarum Hungaricae, Vol 16, No 2, 27 Jun 1966, pp 223-226.

Abstract: [English article; authors' English summary, modified] There is practically no difference in total serum protein between hens having egg in the magnum and those with egg in the uterus. The percentages of protein components are also similar. By using veronal buffer, the fast-moving section could not be detected in hen sera. In the chick serum there was a fast-moving fraction, and the α -globulin fraction was low. In the albumin there is also a fast-moving fraction and a backward-moving fraction, presumably mucin. 6 references to Western publications. (Manuscript received 8 Nov 1965).

1/1

MISRA, Jagdish

Chemical Abst.
Vol. 48 No. 8
Apr. 25, 1954
General and Physical Chemistry

Viscosity in the system water-sodium caprylate with various alcohols. I. A. N. Hogg and Jagdish Misra (Univ. Liverpool). *Kolloid-Z.* 133, 109-16 (1953) = *Text.* were 0.5N in soap, up to 0.02N in NaCl, and up to 50% in Me, Et, Pr, Bu, Am, and hexyl alc. Solubilization occurred with water located between the layers formed by the polar ends of soap mols., whereas the polar groups lay in between the palisade layer of soap with its polar group (OH) towards the water layer. Some gels formed when micelles aggregated. Viscosity in the system water-sodium crotonate with various alcohols. II. *Ibid.* 110-11. --The Pr alc. soln. of Na crotonate is different from the other solns.
A. VanHook

11-54-54

MISRA, D. D.; GUPTA, Y. K.

Reduction of permanganate by some of the carboxylic acids in presence of iodide. Bul chim PAN 9 no.6:379-387 '61.

1. Department of Chemistry, D.S.B. Government College, Hainital, India. Presented by M. Smialowski.

NOV/1961 12551040

Automatic Welding of Small Size Automobile Parts
Discipline: Automobiles

ASSOCIATION: 1) O. G. Gerasimov, by order of the Ministry of Heavy Industry of the USSR (Order of the Patriotic War) of the Institute of Electric Welding, in the USSR (Order of the Patriotic War); 2) Moskovskiy Karburatornyy zavod (Moscow Carburetor Plant)

Card 3/3

Automatic Welding of Small Size Automobile Parts in a Carbon Dioxide Atmosphere

Plant, where at the present time the new welding machine is in operation, the method of pulsed high frequency electric current has been found to be the best, there has been a saving of time and cost, the quality of work has improved, and the required strength of the welds has been increased. After the new method was taken up, the production capacity has increased 3-3.5 times, the quality of welded work pieces and the labor conditions have improved. The necessity of making copper wires for bumper and the application of sand blast cleaning of work pieces have been eliminated. At the present, the plant and the institute carry on their experiments in this field with a view to further developing this method and applying it to other automobile parts. There are 2 tables, 1 diagram, 4 photographs and 1 Soviet reference.

Page 2/3

12(1), 12(2), 12(3)

AUTHOR: Radko, D.A., Duban, V.Ya., Polop'yanov, A.G., Vasilov, V.G., Mironov, V.V.

TITLE: Automatic Welding of Shell Gaseous Atmosphere of Carbon Dioxide Atmosphere

PERIODICAL: Avtomaticheskoe Svarochnye Mashiny, 1978, No. 5, p. 1-4 (USSR)

ABSTRACT: The Institute of Electric Welding, Moscow, USSR, has developed a method of automatic welding of metal parts in a gaseous atmosphere of carbon dioxide. This method has been applied to the welding of small-diameter parts. The welding outfit encompasses the following main parts: 1) the welding machine; 2) regulator; 3) cylinder with carbon dioxide; 4) oxygen regulator; and 5) carbon dioxide heater. The welding head is equipped with a design for continuous movement of the electrode wire. The speed of movement can be at all changes by means of a speed change box, within the limits of 110-770 mm/min. At the Moscow Conference

Card 1/1

POPOV, V.A., kand. tekhn. nauk; MISOZHNIKOV, V.M., kand. tekhn.
nauk, retsenzent; NAVROTSKIY, G.A., kand. tekhn. nauk,
retsenzent; GUMENYUK, Ye.A., inzh., red.

[Equipment for automated cold upsetting processes] Osnastka
avtomatizirovannogo kholodnovysadochnogo proizvodstva. Mo-
skva, Mashinostroyeniye, 1965. 174 p. (KIRA 18:8)

FILIMONOV, Yu.F., inzh.; POZNYAK, L.A., kand. tekhn. nauk;
MISOZHNIKOV, V.M., kand. tekhn. nauk, retserezent; BARENKO,
V.A., inzh., red.

[Forging by extrusion] Shtampovka pressovaniem. Moskva, Mashinostroenie, 1964. 187 p. (MIRA 17:5)

MISOZHNIKOV, V.M.

Cold bilateral upsetting of traction chain rollers. Kuz.-shum.
proizv. 4 no.2:13-15 F '62. (MIRA 25:2)
(Forging) (Chains)

MISOZHNIKOV, V.M., kand. tekhn. nauk; PUSHCHINSKAYA, A.A., red.; ALEKSEYEVA,
T.V., tekhn. red.; IL'YUSHENKOVA, T.P., tekhn. red.

[Cold upsetting of reinforcements; a review] Kholodnaia vyadka kre-
pezhnykh detalei; obzor. Moskva, TSentr. in-t nauchno-tekhn. informa-
tsii mashinostroeniia, 1961. 48 p. (MIRA 14:11)
(Forging)

PHASE 1 BOOK EXPLORATION

82(1) FRASE 1 BOOK EXPLANATION NOV 7 1956

Ed. (Title page): M.V. Storožhev; Ed. (Inside book): S.B. Krasnov,
Engineer; Ed. of Publishing House: S.M. Gliner, Engineer; Tech. Ed.:
T. P. Sokolova; Managing Ed. for Information Literature (Mashgi):
V.I. Krylov, Engineer.

PURPOSE: The handbook is intended for engineers and technicians working in forging and die forming shops and in engineering design bureaus. It may also be used by teachers and students of technical schools.

COMMENT: The handbook contains information on processes of forging machinery. It is a summary on various kinds of forging and pressing equipment. Information is given on initial stock, blanks, quality inspection of forgings and their heat treatment, and on engineering characteristics of metal industries and engineering institutions. The authors state that problems of manufacture by forging and pressing are not so acute as they were in the past. The authors state that the forging process forming which have only been discussed up to now in periodicals and special magazines and that there are new ones in the handbook. To present the material in one manual, there are no references at all.

930	Cold-chamber die forging (V.M. Mironchikov)
931	Candidates of Technical Sciences)
932	General information
933	Patenting in the forging trade
934	Materials used in forging
935	Manufacture of dies and castings
936	Manufacture of dies with metal flow into cavities
937	Die stamping (forming)
938	Preparation of blanks for stamping
939	Stamping force
940	Stamping tools
941	Cold heading (G.A. Petrovskiy, Candidates of Technical Sciences)
942	Initial material
943	Heading process technique
944	Examples of heading
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AVAILABLE: Library of Congress
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6/28/99

2010年12月

1. ИГОРОВСКИЙ, Н. Т., Prof.; ДЕТЕНКО, В. Т.; КЛАВЕНКО, В. Н., Eng.
2. USSR (CUB)
4. Deformation (Mechanics)
7. Determination of stresses in open forgings by the X-ray method, Vopr. fiz. i tekhn. nauk, No. 10, 1952.
9. Monthly List of Russian Accessions, Library of Congress, February, 1952. Unpublished.

Tekhnologiya kholodnoy vysadki metallov

AID 665 - I

of stresses and strains, on chemical and technical characteristics of the metals used in the process, and the required calculations of the materials involved and tools used. There is a thorough description of open and closed upsetting and the cold working of metals. The machinery, including modern automatic presses, equipment, tools and materials used in cold working of metals, as well as the shop practices are fully described and profusely illustrated. Cold extruding presses capable of working metal bars up to 30 m/m in diameter are mentioned, and it is said that larger and more complicated automatic presses are under construction. The new machines are supposed to combine the processes of extrusion, upset forging, cutting hexangular heads, threading and even washing the finished product. The book is written in plain language with some mathematical justification of the various topics discussed, and is well illustrated throughout.

No. of References: 16 Russian, mainly 1937-1950
Facilities: None

MISOZHNIKOV, V.M.

PHASE I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 665 - I

BOOK

Call No.: AF411112

Authors: MISOZHNIKOV, V. M. and GRINBERG, M. YA.

Full Title: COLD UPSET FORGING OF METALS

Transliterated Title: Tekhnologiya kholodnoy vysadki metallov

PUBLISHING DATA

Originating Agency: None

Publishing House: State Scientific and Technical Publishing House of
Machine-Building and Shipbuilding Literature (MASHGIZ)

Date: 1951 No. pp.: 307 No. of copies: 4,000

Editorial Staff

Editor: Zakrzhevskiy, V. B.

Appraiser: Navrotskiy, G. A.,
Kand. of Tech. Sci.

PURPOSE: This book is designed for engineers and technicians in the field of cold working of metals, to be used by them as a hand-book on technical data, machinery, equipment, tools and materials used.

TEXT DATA

Coverage: The book provides exhaustive information on cold forging of metals upsetting of nails, rivets, bolts, pushing rods, etc., which require steel of up to 30 mm in diameter. The authors give brief information on plastic deformation of metals, on determination

MISCZHIKOV, V. M., Engineer

"Investigation of the Upsetting of Shaped Products in a Cold State and with Preheating." Sub 23 Nov 51, Moscow Automotive Mechanics Inst

Dissertations presented for science and engineering degrees in Moscow during 1951.

SC: Sum. No. 480, 9 May 55

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700040-6

MISOVSKY, Emil

Czechoslovak export engineering products. Tech prace 16 no.9:
663-665 S '64

1. Deputy Foreign Trade Minister.

MISKARLI, A.K., BAYRAMOV, A.M.

Mechanism of the protective action of surface active agents
on disperse clay systems. Dokl. AN Azerb. SSR 16 no.1:13-17
'60. (MIRA 13:6)

1. Institut khimii AN Azerbaydzhanskoy SSR. Predstavleno
akad. AN Azerbaydzhanskoy SSR M.F. Nagiyevym,
(Clay) (Surface active agents)

MISOVSKIY, V.S.

"Complex Mechanization and Automation in Foundry Work", in book Complex Automation and Mechanization in Mechanical Engineering, State Scientific-Technical Publishing Office for Machine Building Literature, Moscow, 1959.

MISOVSK RH, I.P.

✓ 5590. MISOVSK, I. P., Application of Chaplign's method to the solution of the Dirichlet problem for a special type of elliptic differential equations (in Russian), *Doklady Akad. Nauk SSSR* (N.S.) 99, 13-15, 1964. 62

Consider the equation $\Delta u = f(x, y, u)$ in a bounded, simply connected region D with sufficiently smooth boundary S . Suppose u vanishes on S . If $f_u > 0$ and $f_{uu} \leq 0$ in and on the boundary of D , author defines the sequence of functions u_n with $u_0 = 0$ satisfying

$$\Delta(u_n - u_{n-1}) = f_u(x, y, u_{n-1})(u_n - u_{n-1}) + f(x, y, u_{n-1}) - \Delta u_{n-1}$$

and shows that $u_n \leq u_{n+1}$ and that $u_n \rightarrow u$. Moreover, if $f(x, y, V) - \Delta V \leq 0$, and V vanishes on S , then $u_n \leq V$.

A sequence of functions v_n with $v_n \geq v_{n+1}$ is defined by means of a somewhat more complicated recursion where also $v_n \rightarrow u$. The case $f_u \leq 0$ with no assumption on f_{uu} is also treated, but again the recursions are more complicated.

A. S. Householder, USA

Misovic, J. D.

YUGOSLAVIA / Physical Chemistry. Electrochemistry. B

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 60356.

Author : Aleksandar M. Leko, Belimir D. Canic, Jelica D. Misovic.

Inst : ~~Chemical~~ Society (Yugoslav).

Title : Reaction of Metals with Perchloric Acid.

Orig Pub: Glasnik Hem. drustva, 1957, 22, No 1, 23-27.

Abstract: The dissolution of Mg, Zn, Mn, Fe, Cd, Ni, Sn, Cr and other metals (M) in HClO_4 (I) (to 70%) at 100° was studied. It is shown that the relation of depolarizing reactions (liberation of H_2 and reduction of I to Cl^-) for a given M changes regularly with the concentration of I, and that a given con-

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700040-6

MISOVIC, Jelica; RAMASECHAN, R.

Space group determination of double salt $(\text{NH}_4)_2\text{SO}_4 \cdot 3\text{NH}_4\text{NO}_3$.
Glas Hem dr 28 no.3/4:115-122 '63

JURKOVIC, Jan; MISOVEC, Pavol; KOSIK, Martin

Some possibilities of furfural yield increase in low temperature pyrolysis of wood. Drevarsky vyskum no. 1:59-67 '63.

1. Katedra chemickej technologie dreva chemickej fakulty, Slovenska vysoka skola technicka.

KOSIK, M., inz.; MISOVEC, P., inz.

Graduation papers of the Chair of Chemical Technology of Wood and Chemical Fibers on the cellulose and paper production technology, presented in 1961-1963. Papir a celuloza 18 no. 12: 241-243 D '63.

1. Katedra chemickej technologie dreva a chemickych vlaken, Chemicka fakulta, Slovenska vysoka skola technicka, Bratislava.

MISOV, Mincho

Economic aspects of the introduction of a series of flue gas ventilators according to the 0.68-161^o aerodynamic system. Mashinostroene 12 no.1:8-11 Ja '63.

MISORINA, N. YE., Kvasnikov, Ye. I.

"Some Rules of Propagation of Microorganism Antagonists of the Intestinal-Typhoid Group of Bacteria in the Soil of Uzbekistan"
Vopr. Krayevoy Patologii AN UzSSR, No 3, 1953, 44-48

Bacterial antagonists of the intestinal typhoid group were examined in more than 1600 samples of soil and it was found that their propagation was related to the latter's being infected by intestinal-typhoid bacterial groups. Strongly antibiotic activity was discovered in soil obtained from underneath human dwellings, and in water flowing through the area. The therapeutic soil from bottom lands of the Syr-Dar'ya is especially antibiotic in its effect. A seasonal change in propagation was observed. (RZhBiol, No 9, May 1955)

SO: Sum-No 787, 12 Jan 56

PINTILIE, C.; COSTA-FORU, D.; MISON-CRIGHEL, N.; CONSTANTINESCU, E.;
LUCA, N.; SOLOMONOVICI, A.

The effect of blood sugar changes on intermediate metabolism
in patients with asthenic neuroses. II. Effect of treatment
with increasing doses of insulin. Rev. sci. med. 8 no.3/4:
159-162 '63.

(BLOOD SUGAR) (INSULIN) (NEURASTHENIA)
(PSYCHOSES, MANIC-DEPRESSIVE) (METABOLISM)
(CITRATES)

MISON-CRIGHEL, N.; PINTILIE, G.; CONSTANTINESCU, E.; LUCA, N.;
COSTA-FORU, D.; SOLOMONOVICI, A.

The effect of blood sugar changes on intermediate metabolism
in patients with asthenic neuroses. I. Effect of the administra-
tion of glucose and insulin. Rev. sci. med. 8 no. 3/4:111-115
'63.

(NEURASTHENIA) (BLOOD SUGAR) (GLUCOSE)
(INSULIN) (PHARMACOLOGY) (METABOLISM)
(MENTAL DISORDERS)

MISON-KRIGEL, Nella [Mison-Grighel, N.]; KONSTANTINESKU, Melizabeta
[Constantinesco, E.]; KRIGEL, Ye. [Grighel, E.]

Effect of the preconvulsive functional stage on the development of
the convulsive seizure and on the biochemical modifications induced
by the latter. Ukr.biokhim.zhur. 31 no.6:834-848 '59.

(MIRA 13:5)

1. Nevrologicheskiy institut I.P. Pavlova AN Rumynsko Narodnoy
Respubliki, Bukharest.

(CONVULSIONS)

Country : ROMANIA
 Category= : Human and Animal Physiology. 2
 The Nervous System. Metabolism.
 Abs. Jour. : Ref Zhur-Biol., No 23, 1957, 1057-59
 Author : Mison-Orighel, Nella; Litescu-Lazar, Dorina
 Institut. : AS Rumania Neurological Institute.
 Title : The Effects of Experimental Convulsions upon Cer-
 tain Phosphor Compounds Found in Blood Obtained
 from the Brain of Dogs.
 Orig. pub. : Studii si cercetari neurol. Acad. RIK Inst.
 neurol., 1957, 2, No 1, 107-115
 Abstract : After a convulsion was induced by electric cur-
 rent, the blood obtained from the sagittal sinu-
 ses of 3 not-narcotized dogs displayed irregular
 changes of general P (I) and anorganic P (II)
 content. In most of the cases, I and II contents
 were increased. After convulsions were produced
 by electric current and by cardiazol, I and II
 contents increased in 2 other dogs who had re-
 ceived morphine anesthesia. -- B. M. Geist

Cards: 1/1

~~MISSON-KRIGEL, N.~~
KRYNDLER, A.; ~~MISSON-KRIGEL, N.~~ [Misson-Crighal, N.]

Biochemical studies in experimental and clinical epilepsy [with
summary in French]. Zhur.nevr. i psikh. 57 no.10:1205-1209 '57.
(EPILEPSY, metabolism, (MIRA 10:12)
(Rus))
(CONVULSIONS, experimental,
metab. in (Rus))

MISON-CRIGHEL, Nella; PINTILIE, C.; LAZAR, Dorine; OLTRANU, I., PETRESCU, A.;
VOINESCU, Sorinella.

Study of blood proteins and serum catalase activity in experimental
herpetic encephalitis in rabbits. Stud. cercet. inframicrobiol.,
Bucur. 6 no.3-4:389-400 July-Dec 1955.

(ENCEPHALITIS, experimental
herpetic, blood proteins & serum catalase activity)

(BLOOD PROTEINS, in various dis.
exper. herpetic encephalitis)

(CATALASE, in blood
in exper. herpetic encephalitis)

(HERPES
herpetic encephalitis in rabbits, blood protein & serum
catalase changes)

MISON, Voldemar; JOOSEP, E., retsenzent; REHEMAA, H., red.

[Mine loading machine operators] Kaevanduse laadimismasina
masinist. Tallinn, Kirjastus "Eesti Raamat," 1965. 125 p.
[In Estonian] (MIRA 18:12)

MISON, Karel

The Czechoslovak standard 01 1001: Mathematical symbols. Pokroky mat
fyz astr 7 no.5:302-303 '62.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700040-6

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5. 10/1/64 - 10/1/64 - 10/1/64 - 10/1/64

MIŠOŇ, KAREL

Mišoň, Karel. Definition of the Bernoulli numbers. Sum of an arithmetic series without use of difference series.
Časopis Pěst. Mat. 76, 199-200 (1951). (Czech)

The author points out that the difference equation $\phi(p, x+1) - \phi(p, x) = x^p$, where p and x are integers and which has the particular solution $F(p, x) = \sum_{n=0}^{x-1} n^p$, may be solved as a polynomial in x in which the constant term is arbitrary. Since F and ϕ can differ by at most a periodic function of x , which may be taken as a constant in this case, it follows that F is a polynomial of degree $p+1$ in x whose coefficients are proportional to the Bernoulli numbers. In this way the author claims to avoid the notion of difference.

D. H. Lehmer (Los Angeles, Calif.).

SO: Mathematical Review, Vol. XIV, No. 5, May 1953

1347-65

ATTENTION: AFASLACG

multistage rockets, and the limit case of infinitesimal rockets are taken as the basis for the study of rockets. The data used in the article were obtained from studies which contained only individual and disparate details relevant to the subject. The available literature gives no systematic or elementary presentation of the problems treated here. This article is pedagogical and a contribution to the problems of multistage rockets. It is planned to give a more complete mathematical elaboration of optimization of rockets in later articles. From this point of view, the desirability of a formal discussion of the subject is evident. Orig. art. has: 11 diagrams,

REFERENCES: 0000

SUMMARY: 00

INDEXING: 000

ENCL: 00

SIB CODE: SV

OTHER: 000

ASD(1)-3/APGC(1)/SSD/TT/WM/GM
2/0028/44/000/004/0223/0239

1. Multistage Rockets

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7. Disadvantages

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9. Conclusion

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255. Equations

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740. Photographs

741. Tables

742. Figures

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700040-6

MITCH, Karel (Prague); (Prague) (Prague)

Stage rockets. Pokroky vol. 17, no. 1, 1964, p. 14.

22968

Molding large-size steel castings

3/123/60/000/011/055/001
A033/A133

ed in table 1. The authors then give a detailed description of the making of cope and drag and present in a table a comparison of the consumption of molding and core materials for the same part. This table proves that the extent of molding work during molding in jackets is nearly only half of that for molding in the round. Based on the experience gained with the jacket molding of this machine bed a technology has been developed at the plant for the manufacture of the bed mold of another forging machine 35 tons in weight and other large-size castings. The main advantage of the jacket molding of large-size castings over the ordinary molding in the ground is, above all, the high degree of accuracy of dimensions which made it possible to do away completely in eleven spots with mechanical treatment, while in nine spots of the casting an allowance of 10 - 15 mm for mechanical treatment was left instead of 30 - 40 mm according to the ordinary technology. As a result, the mechanical working costs could be cut down by 27% and the casting weight was reduced by 1,500 kg. Table 3 shows comparative data on the floor area required, duration of the casting cycle and the casting output from 1 m². The authors point out that with this molding method the plant saves on each machine bed of 35 tons weight 40.2 thousand rubles, which is 603,000 rubles annually. There are 2 figures and 3 tables.

Card 2/4

11500 also 1496, 1160

22968

S/128/60/000/011/005/057
AO33/A133

AUTHORS: Lomakin, A. V., Mirskiy, P. L., Misochko, N. D., Aleksandrov, A. G.
 TITLE: Molding large-size steel castings
 PERIODICAL: Liteynoye proizvodstvo, no. 11, 1960, 29 - 31

TEXT: The authors, enumerating the deficiencies of fabricating big molds in flasks or in the ground, report on the casting of a 25-ton bed of a horizontal forging machine with overall dimensions of 3,785 x 2,375 x 1,725 mm, 40 - 400 mm walls, at the Novo-Kramatorskiy zavod (Novo-Kramatorsk Plant). The casting was intended for the Azovskiy zavod kuznechno-pressovogo obozudovaniya (Azov Plant of Forging and Pressing Equipment), and was manufactured in an assembled molding jacket, consisting of four vertical cast iron walls with bracing ribs and a bottom plate. The cores were broken down into 23 standardized sizes. The bracing gate system was calculated for the pouring of the mold from one 40-ton capacity ladle through two plugs 60 mm in diameter. Feeders 50 mm in diameter were placed in three rows over the casting height, four in each row. The cross section ratio between risers, gate system and feeders was 1: 1.2 : 1.4. The numerous tests being carried out at the plant to find the optimum molding and coating mixture resulted in a recipe cit.

Card 1/4

VINOGRADOV, P.D.; MARTYSHEV, V.R.; MISNIKOV, Yu.K.; TORSHIN, N.S.

Manifestations of petroleum in Silurian deposits of central Tajiki-
stan. Mat. VSEGEI no.10:73-78 '56. (MLRA 10:1)

(Tajikistan--Petroleum geology)

MISNIKOV, K.P.

Scientific activities of the Division of Geologo-chemical and
Technological Sciences. Izv. Otd. geol.-khim. i tekhn. nauk AN
Tadzh.SSR 1:127-128 '60. (MIRA 1:1)

1. Uchenyy sekretar' Otdeleniya geologo-khimicheskikh i tekhnicheskikh
nauk AN Tadzhikskoy SSR.
(Tajikistan---Research)

BARATOV, R.B.; ZAKHAROV, S.A.; MISNIKOV, K.P.; NAZAROV, Kh.N.

B.L. Lichkov, scientist and researcher; on his 70th birthday and the
50th anniversary of his pedagogical activities. Izv. Otd. est. nauk
AN Tadzh. SSR no.1:121-132 '59. (MIRA 13:3)
(Lichkov, Boris Leonidovich, 1888-)

MISNIKOV, K.P.

Research activities of the Division of Natural Science of the
Tajik Academy of Sciences. Izv.Otd.est.nauk AN Tadzh.SSR
no.2:117-118 '58.
(MIRA 13:4)

1. Otdeleniye yestestvennykh nauk.
(Tajikistan--Research)

MISHKOV, K.P.

Criteria for geological prospecting for antimony and mercury in
central Tajikistan. Izv. Utd. est. nauk AN Tadzh.SSR no.19:37-55
'57. (MIRA 11:8)

1. Institut geologii AN Tadzhikskoy SSR.
(Tajikistan--Prospecting) (Mercury ores) (Antimony ores)

MIKHROV, K.P.

Thinly dispersed clays in Tajikistan. Trudy AN Tadz., MSR 92:151-
158 '56. (MORA 10:6)

(Tajikistan--Clay)

MISNIKOV, K.P.

Stratigraphy of Neocene conglomerates of the Isfara cone. Dokl.
AN Tadjh.SSR no.4:13-17 '52. (MIRA 9:9)

1.Institut geologii Akademii nauk Tadzhikskoy SSR. Predstavleno
deystvitel'nym chlenom AN Tadzhikskoy SSR.
(Tajikistan--Geology, Stratigraphic)

I 23405-66

ACC NR: AP6014013

6 to 7 year discontinuance of the use of chlorinated hydrocarbons in Tashkent, a moderate tolerance to DDT that was on the initial level remained, while the resistance to hexachlorocyclohexane decreased by a factor of three. The most expedient methods for the extermination of flies are used of chlorophos - ammonium carbonate baits to exterminate imago and application of larvicides, specifically those containing trichlorometaphos - 3 in optimum doses, so that development of tolerance will be prevented. Orig. art. has: 4 figures and 2 tables.

[JPRS]

SUB CODE: 06, 07 / SUBM DATE: 24Sep65 / ORIG REF: 004 / OTH REF: 004

Card 3/3.90

L 23405-66

ACC NR: AP6014013

ABSTRACT: The sensitivity of flies to insecticides was studied in a number of cities. Tests were carried out on female flies by applying an acetone solution of the insecticide to the back and determining the LD₅₀. At Minsk and Brest, where sprinkling of walls with a 2-3% aqueous solution of chlorophos was applied for 7 and 6 years, respectively, increased tolerance of flies to this insecticide was observed. At Mytishchi, where chlorophos baits were used, particularly in the form of mixtures containing ammonium carbonate, the sensitivity of flies to this insecticide remained undiminished. No increase in the tolerance of southern house flies (*Musca domestica vicina* Macg.) to chlorophos after application of this insecticide in Tashkent for 4-5 years was observed. Use of trichlorometaphos as a larvicide reduced the sensitivity of flies to this insecticide to a small extent in Mytishchi, Minsk, and Brest, but not to a degree which could be regarded as an increase in tolerance (defined as a decrease of sensitivity by a factor of 2-4). The sensitivity of flies to trichlorophos was unaffected after use of this insecticide in Tashkent. Flies at Minsk and Brest which had developed a tolerance to chlorophos also showed an increased resistance to DDT and hexachlorocyclohexane (this increase in resistance also developed to a minor extent at Mytishchi). However, the increase in the resistance to hexachlorocyclohexane was presumably not related to the use of organophosphorus compounds, but due to the application of polychloropinene in these localities. Existence of a relation between increased resistance to DDT and tolerance to chlorophos was more likely. Southern flies in Tashkent, which retained sensitivity to chlorophos to the full extent, did not exhibit an increase in the resistance to DDT. After a

Card 2/3

AUTHOR: Sukheva, M. N.; Gvozdeva, I. V.; Mismik, Yu. N.; Teterovskaya, T. O.; Bolotova, T. A.; Kholodova, G. K.; Samsonova, A. M.; Gol'dina, G. S.; Coldina, G. S.; Storozheva, Ye. M.; Storozheva, E. M.; Mosunov, V. B.; Nesalovskaya, V. K.; Serafimova, A. M.; Biralov, T. I.; Vasilenko, L. N.

ORG: Central Scientific Research Disinfection Institute, Moscow (Tsentral'nyy nauchno-issledovatel'skiy dezinfektsionnyy institut); Mytishchi City Sanitary Epidemiological Station, Mytishchi (Mytishchitskaya gorodskaya sanitarno-epidemiologicheskaya stantsiya); Tashkent City Sanitary Epidemiological Station, Tashkent (Tashkentskaya gorodskaya sanitarno-epidemiologicheskaya stantsiya); Tashkent City Disinfection Station, Tashkent (Tashkentskaya gorodskaya dezinfektsionnaya stantsiya); Minsk City Disinfection Station, Minsk (Minskaya gorodskaya dezinfektsionnaya stantsiya); Brest City Sanitary Epidemiological Station, Brest (Brestskaya gorodskaya sanitarno-epidemiologicheskaya stantsiya); Brest Oblast Sanitary Epidemiological Station (Brestskaya oblastnaya sanitarno-epidemiologicheskaya stantsiya)

TITLE: Sensitivity of the house fly population to chlorophos, trichlorometaphos-3, DDT, hexachlorocyclohexane, and polychloropinene after many years of application of these insecticides

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 8, 1965, 7-14

TOPIC TAGS: entomology, insecticide, organic phosphorus compound, chlorinated organic compound

Card 1/3

UDC: 614.57:615.777/779]:576.895.772.095.18

MISNIK, Yu.N.

Gross tolerance to pyrethrins in *Musca domestica* L. cultures highly resistant to the action of chlorated hydrocarbons. Zhur. mikro-biol., epid. i immun. 42 no.8:14-17 Ag '65. (MIRA 18:9)

1. Tsentral'nyy nauchno-issledovatel'skiy dezinfektsionnyy institut, Moskva.

SUKHOVA, M.N.; GVOZDEVA, I.V.; MISNIK, Yu.N.; TETEROVSKAYA, T.O.; BORATOVA,
T.A.; KHOLODOVA, G.K.; STORUZHEVA, Ye.M.; SAMSONOVA, A.M.; MCHURIN,
V.B.; NESELOVSKAYA, V.K.; GOL'DINA, G.S.; SERAFIMOVA, A.M.; BIRILO,
T.I.; VASILENKO, L.N.

Sensitivity to chlorophos, trichlorometaphos, DDT, hexachloro-
cyclohexane and polychloroplene in housefly populations fol-
lowing the use of these insecticides for several years. Zhur.
mikrobiol., epid. i immu. 42 no.8:7-14 Ag '65. (MIRA 18:9)

1. Tsentral'nyy nauchno-issledovatel'skiy dezinfectsionnyy in-
stitut, Moskva, Mytishchinskaya i Tashkentskaya gorodskiy sanitarno-
epidemiologicheskkiye stantsii, Tashkentskaya i Minskaya gorodskiy
dezinfectsionnyye stantsii i Brestskaya gorodskaya i Brestskaya
oblastnaya sanitarno-epidemiologicheskkiye stantsii.

ИЗВЕЩ. У.В., Ком. Сиб. маш; К.И.И.И.,

Section of the
... ..

1. Ленинградский государственный университет имени Александра Невского
горный институт имени А.В. Луначарского,
... ..

TARANOV, Petr Yakovlevich, KHANDKAYEV, A.N., Prof., reisenzent;
BUBOK, V.K., reisenzent; BOROVNIKOV, V.A., reisenzent;
KARPUKOV, Ye.G., reisenzent; MISNIK, Yu.M., reisenzent;
SMIRNOV, N.A., reisenzent; RAZAMAT, V.V., reisenzent;
SAVRASOV, L.M., reisenzent; YURMANOV, Yu.A., reisenzent;
BABICHEV, N.S., reisenzent

[Blasting operations] Burovzryvnye raboty. Izd.2. Mo-
skva, Nedra, 1964. 253 p. (MIRA 18:7)

SUKHANOV, Afanasiy Filimonovich, prof., doktor tekhn.nauk, red.;
NAZAROV, Petr Petrovich; KUTUZOV, Boris Nikolayevich;
NEVSKIY, Vladimir Leonidovich; DMITRIYEV, Aleksey
Pavlovich; GOLOVIN, Grigoriy Mikhaylovich; ~~MISNIK~~
~~Yuriy Mikhaylovich~~; KHANUKAYEV, Aleksandr Nisanovich;
KOROLEVA, T.I., red.izd-va; SHKLYAR, S.Ya., tekhn. red.

[Boring and blasting operations] Burcvzryvnye raboty. [By]
A.F.Sukhanov i dr. Moskva, Gosgortekhhizdat, 1962. 242 p.
(Boring) (Blasting) (MIRA 16:9)

SOV/127-59-4-15/27

Foreign Experience in Drifting Galleries Under Conditions of
Escaping Methane.

sharply lowered the methane concentration and at
the same time cooled the blasted ore. There
are 2 diagrams and 2 Czech references.

ASSOCIATION: Leningradskiy gornyy institut. (The Leningrad
Mining Institute)

Card 2/2

18

SOV/127-59-4-15/27

AUTHOR: Golovin, G.M., Docent, and Misnik, Yu.M., Candidate of Technical Sciences

TITLE: Foreign Experience in Drifting Galleries Under Conditions of Escaping Methane. (Is inostrannogo opyta prokhodki vyrabotok v usloviyakh vydeleniya metana.)

PERIODICAL: Gornyy zhurnal, 1959, Nr 4, pp 61-62 (USSR)

ABSTRACT: The Mining Scientific Research Institute (GHI) in Radvanice (Czechoslovakia) developed a method of drifting galleries where emanations of methane could endanger the workers' life. The method consisted in putting special water-filled stemmings in the blast holes over the explosive charges and hanging plastic balloons filled with 20-30 liters of water. One patron-igniter was placed in each balloon, and it was exploded 1/2 second before the main explosion in such a way that the water dust curtain and the water from the stemming

Card 1/2

GOLOVIN, G.M., dotsent; MISNIK, Yu.M., kand. tekhn. nauk

Mining in hard rocks subject to methane emission. Nauch. dokl. vys.
shkoly; gor. delo no.1:67-74 '59. (MIRA 12:5)

1. Predstavlena kafedroy burevzrynykh rabot Leningradskogo gornogo
instituta imeni G.V. Plekhanova.
(Mining engineering) (Mine gases)

MISNIK, Yu.M.

Relation of the specific consumption of explosives to the depth
of placing single loosening charges. Zap.Len.gor.inst. 36 no.1:
169-178 '58. (Explosives) (MIRA 12:4)
(Mining engineering)

MISNIK, Yu. M.

VAYPOLIN, A.F.; MISNIK, Yu.M.; SHKLYAROV, M.I.

Mechanized hole boring in exploration mining. Zap. Len. gor. inst.
34 no.1:69-72 '57. (MLBA 1049)

(Boring machinery) (Prospecting)

NISNIN, Yu. M.

"Investigation of the Effect of a Blast in a Medium in Relation to the Depth at Which the Charge is Placed." Acad. Sci. Inst., Leningrad Mining Inst, Leningrad, 1954. (Zhukh, Mas 95)

SC: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

MISNIK, Yu.F.; PORTNYAGIN, E.A.

Permian and Jurassic graben-synclines of the Mongolian-Okhotsk
deep fault (eastern Transbaikalia and the upper Amur Valley).
Visnyk L'viv.un. Ser.geol. no.1:45-51 '62. (MIRA 16:7)
(Transbaikalia--Geology, Structural)
(Amur Valley--Geology, Structural)

MISNIK, Yu.F.

Permian sediments in the Shilka Valley (western Transbaikalia).
Izv.vys.ucheb.zav.; geol.i razv 5 no.1:31-37 Ja '62.

1. L'vovskiy gosudarstvennyy universitet imeni Iv.Franko. (MIRA 15:2)
(Transbaikalia--Geology)

MISNIK, Yu.F.; FISHKIN, M.Yu.

New data on the geology and petrography of the Sretensk
granitoid massif, (eastern Transbaikalia). Geol.i geofiz. 4:53-67
'62. (IITA 15:8)

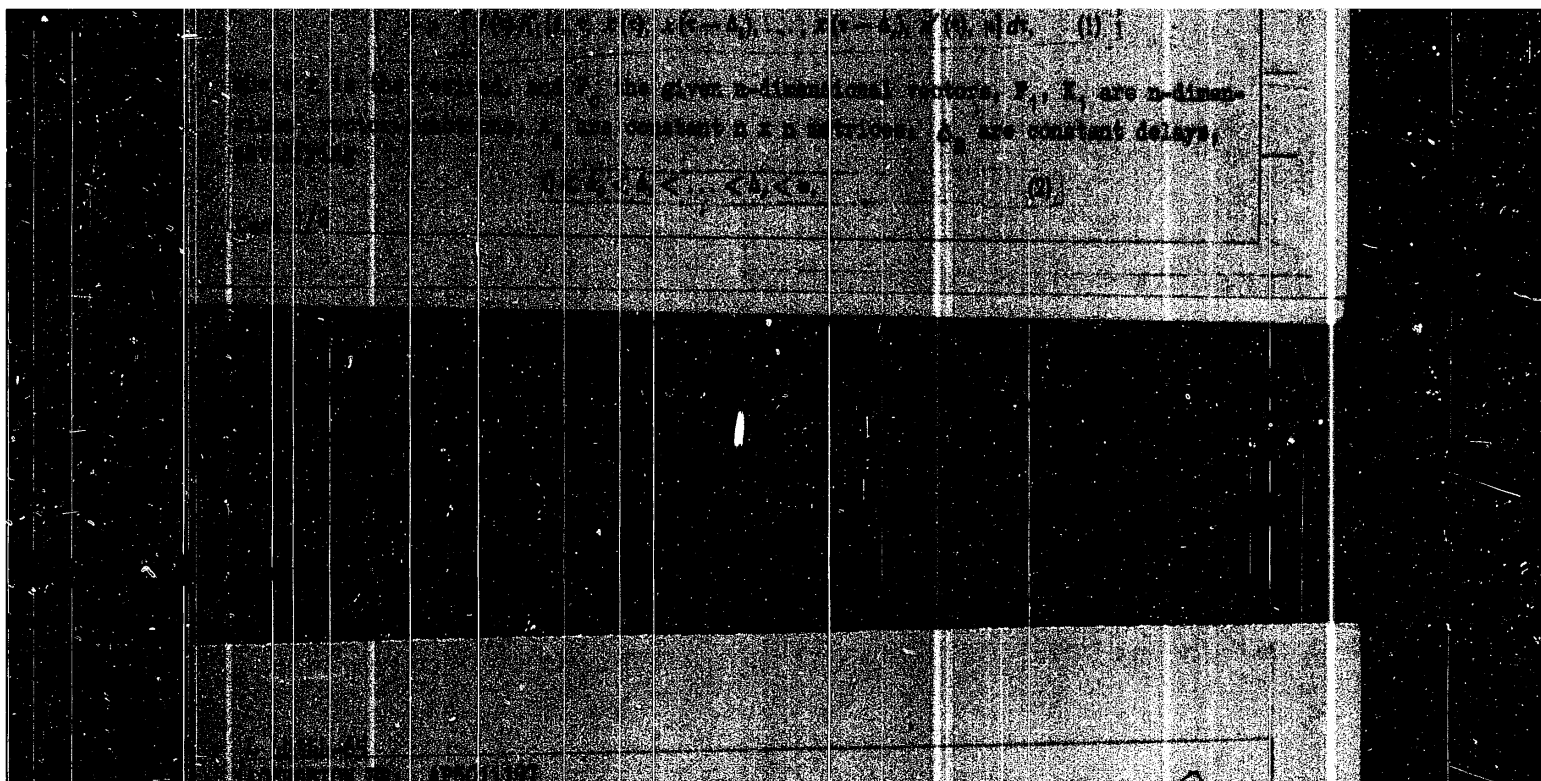
1. L'vovskiy gosudarstvennyy universitet imeni Franko.
(Transbaikalia--Granite)

MISNIK, Yu.F.

Discovery of the Permian fauna in the Shilka Valley of eastern Transbaikalia. Geol.sbor. [Lvov] no.7/8:484-486 '61. (MIR. 14:12)

1. Gosudarstvennyy universitet imeni Ivana Franko, L'vov.
(Shilka Valley (Transbaikalia))--Paleontology, Stratigraphic)

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100-443887-100

02/01/97 05:00/002/01:10/01:17

12
13

2.1.1. The case of linear differential equations

1985, 110-117

11. differential equation, integral equation, difference

the problem of finding periodic solutions of

[illegible]

06/52

Conditions for the Existence of Periodic Solutions 307/106-19-4-3/19
 of a Class of Nonlinear Systems of Integro-
 Differential Equations

Theorem 2: Let the characteristic equation $|a - \lambda E| = 0$ of (1) have no roots $\pm \frac{2\pi}{\omega} ip$, where $p=0, 1, 2, \dots$ and ω is the period of K_s . Let the shortened system

$$(12) \quad \frac{dy_s}{dt} = \sum_{i=1}^n a_{si} y_i \quad (s=1, 2, \dots, n)$$

have a bounded fundamental system of solutions. Then (1) has a unique periodic solution with the period ω which vanishes for $\mu = 0$ and is analytic in the neighborhood of $\mu = 0$.

The third theorem treats the case where the characteristic equation has one root of the type $\frac{2\pi}{\omega} i K_1$. Two examples are given.

There are 2 Soviet references.

ASSOCIATION: Kirgizskiy Gosuniversitet (Kirgiz State University)

SUBMITTED: February 23, 1959

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06552
00V/166-58-4-3/10

Conditions for the Existence of Periodic Solutions
of a Class of Nonlinear Systems of Integro-
Differential Equations

where K_s are continuous periodic functions of t the Fourier series of which converge uniformly.

Theorem 1: Let f_s and K_s be analytic in $|x_s| \leq \bar{r}$, where their series developments begin with terms of second order. Let the characteristic equation $\det(O - \lambda E) = 0$ of (1), where (4) $\|x_s\|$, have only roots the real parts of which are negative. Let the elementary divisors corresponding to the pure imaginary roots be of first order. Then (1) has a unique solution satisfying the initial conditions

$$(4) \quad x_s(t, \beta_1, \dots, \beta_n, \mu) \Big|_{t=0} = \beta_1$$

The solution is analytic in a neighborhood of $\beta_1, \beta_2, \dots, \beta_n, \mu = 0$ and vanishes for $\beta_1, \beta_2, \dots, \beta_n, \mu = 0$.

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16(1)

AUTHORS:

Yakovleva, G.F., and Mianik, V.P.

SOV/166-59-4-3/10

TITLE:

Conditions for the Existence of Periodic Solutions of a Class of Nonlinear Systems of Integro-Differential Equations

PERIODICAL:

Izvestiya Akademii nauk Uzbekskoy SSR, Seriya fiziko-matematicheskikh nauk, 1959, Nr 4, pp 16-25 (USSR)

ABSTRACT:

Given the system

$$(1) \quad \frac{dx_s}{dt} = \sum_{i=1}^n a_{si} x_i + f_s(x_1, \dots, x_n) + \int_a^b K_s(t, \tau, x_1, \dots, x_n) d\tau \quad (s=1, 2, \dots, n)$$

where a_{si} are constants, $|a_{si}| \leq a^*$,

$$(2) \quad f_s = \sum_{j_1+\dots+j_n=2}^m \bar{p}_s^{(j_1, \dots, j_n)} x_1^{j_1}(t) \dots x_n^{j_n}(t)$$

and

$$(3) \quad K_s = \sum_{j_1+\dots+j_n=0}^{\infty} \bar{q}_s^{(j_1, \dots, j_n)}(t, \tau) x_1^{j_1}(\tau) \dots x_n^{j_n}(\tau),$$

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85-555

S/O.1/60/000/008/027/035
G11/C222

On the estimation of the region...

$$\left| \frac{\phi(u + \lambda_1 \int_1^{\infty} \dots \int_n^{\infty})}{u} \right| < 1,$$

where $u = z - \infty$. An example is given.

Reviewer's remark: The estimations of the region of existence of the solution of the equation (*) which is analytic with respect to the parameters were also determined in a number of papers of other authors, e.g. N.P. Yerugin (R Zh Mat. 1957, 3251K), V.I. Zubov (R Zh Mat. 1958, 9935), Yu.A. Ryabov (R Zh Mat. 1958, 7839) etc. which are not mentioned by the author. ✓

[Abstracter's note: The above text is a full translation of the original Soviet abstract.]

Card 2/2

89555

S/044/60/000/008/027/035
C111/0222

16,4600

AUTHOR: Misnik, V.P.

TITLE: On the estimation of the region of convergence of the
Lagrange series and its applicationPERIODICAL: Referativnyy zhurnal. Matematika, no. 8, 1960, 136-137,
abstract no. 9094. In Sb.: Materialy 8-y Nauchn. konferentsii
professorsko-prepodavat. sostava fiz.-matem. fak. (Kirov-
un-t). Frunze, 1959, 69-73TEXT: The author considers the question on the region of convergence
of the Lagrange series for the implicit function $z = z(t_1, \dots, t_n)$
given by an equation of the kind

$$z = \phi(z, t_1, \dots, t_n) \quad (1)$$

where ϕ is an analytic function of its arguments in a certain closed
region G bounded by the contour S , and where ϕ is a constant,
 $t_1, \dots, t_n$ are parameters. The author states that the Lagrange
series converges if for all points of S and for the given parameter
values $t_1, \dots, t_n$ it holds:

Card 1/2

MISNIK, M.L. (Kishinev)

Prediction of electric power production based on the yearly
increment of its components, Izv. AN SSSR, Energ. i transp.
no.1:43-45 Ja-F '65. (MIRA 18:4)

FEDORISHCHENKO, G.M.; MISNIK, M.I.

Use mathematical statistics and the theory of probability in the
analysis of the load graphs of the Moldavian electric power
system. Izv. AN Mold. SSR. no.3:73-81 '63. (MIRA 77:12)

MISNIK, I.L.

State of traumatological aid in Sakhalin Province and measures
for its improvement. Vop. travm. i ortop. no.13:9-12 '63.
(MIRA 18:2)

1. Glavnyy khirurg Sakhalinskoy oblasti.

MISNIK, I.L.

"Case of Emergency Stricture of the Hepatic Artery

Due to Hepatorrhixis," Khirurgiya, No. 9, 1948.

Surg. Sect., Mogilev Oblast Hosp. -c1948-.

DIKKER, G.L.; DRUZHININA, L.N., kand. tekhn. nauk, dots.; ISKENDEROV, A.A.,
 kand. tekhn. nauk, dots.; KILYUYEVA, T.K., kand. tekhn. nauk, dots.;
 LOGOTKIN, I.S., kand. tekhn. nauk; MEL'MAN, M.Ye., kand. tekhn. nauk,
 dots.; MISNIK, I.A., kand. tekhn. nauk; RUSH, V.A., dots.; RUKOSUYEVA,
 A.N., dots., red.; KAFKA, B.V., prof., retsenzent; FERTMAN, G.I., dots.,
 retsenzent; SOBOLEVA, M.I., dots., retsenzent; BUDNITSKAYA, R.S., kand.
 tekhn. nauk, retsenzent; VOLKOV, Ye.N., kand. tekhn. nauk, retsenzent;
 AREF'YEV, I.I., inzh., retsenzent; KHARITONOV, A.F., retsenzent; GUREVICH,
 GUR'YEV, Ye.S., retsenzent; KUZ'MINSKIY, M.M., retsenzent; INIKHOV, G.S.,
 prof., retsenzent; KHOMUTOV, B.I., dots., retsenzent; BORODINA, Z.N.,
 dots., retsenzent; BORISOVA, G.A., red.; MEDRISH, D.M., tekhn. red.

[Starch, sugar, honey, confectionery products, condiments, fats, milk,
 and milk products] Khrakmal, sakhar, med, konditerskie, vkusovye to-
 vary, zhiiry, moloko i molochnye produkty. Moskva, Gos. izd-vo torg. lit-
 ry, 1961. 750 p. (MIRA 14:7)

(Food industry)

PIGMEY, E. A.

PIGMEY, E. A. --"Investigation in the Field of the Nutritional Value of Animal
Honey." * (Dissertation for Degree of Doctor of Engineering Sciences, Institute of
Higher Educational Institutions, 11-21 Gorky St., Moscow, U.S.S.R.,
Secretary: G. V. Pleshchinskaya, 1955)

SC: Medicine, No. 15, 16, 17, 18

* For Degree of Doctor of Technical Sciences

MISNIK, G.Ye.

Nut trees of the "Trostanets" arboretum and their fruiting. *Ukr.*
Glav. bot. sada no. 50:49-52 63. (MIRA 7:2)

1. Tsentral'nyy respublikanskiy botanicheskiy sad AN UkrSSR, Kiev.

MISNIK, G.Ye.

Main woody plants in the Trostyanets Park. Bul. Glav. bot. sada
no.46:36-41 '62. (MIRA 16:5)

1. Tsentral'nyy respublikanskiy botanicheskiy sad AN UkrSSR, Kiyev.
(Ichnya District--Arboretums)

MISNIK, G.Ye., kand.sel'skokhozyaystvennykh nauk (Trostyanets)

Trostanets Park. Priroda 50 no. 2:70-71 F '61. (MIRA 14:2)
(Ichnya District--Arboretums)

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[The Trostyanets' Arboretum] Trostianets'kyi dendrologichnyi park. Kyiv, Vyd-vo Akad.nauk URSR, 1960. 82 p. (MIRA 13:8)
(Ichnya District--Arboretums)

MISNIK, G.Ye. Cand Agr Sci -- (diss) " Periodic and nature of
the flowering of trees and bushes of the forest-steppe experimental
station." Mos, 1957. 18 pp 20 cm. (Mos Forestry Engineering Inst).
100 copies. (KL, 23-57, 115)

МОНА, Гаврилъ Яковлевичъ

N/C
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Kalendar' tsveteniya derev'iy i kustarnikov [A book of flowering trees
and shrubs] Moskva, I ZO-V. MDR, 1956

170 p. illus., map, tables

At Head of Title: Sredno-rossiyskaya Vozvyshennost' . Iusentopnaya spetsial'naya
Stantsiya.

"Literatura": p. 149-150

MISNIK, G.Ye.

Azotobacter culture as an agent increasing seed germination in soil.
Biul.Glav.bot.sada no.20:128-131 '55. (MLRA 8:9)

1. Lesostepnaya selektsionnaya opytnaya stantsiya dekorativnykh kul'tur.
(Germination) (Azotobacter)

MISNIK, G. E.

Ash (Tree)

Influence of smoking on an increase in yield production of the tree ash trees and ash trees. Les. Khoz., 4, No. 12, 1951.

Monthly List of Russian Accessions. Library of Congress, April 1952. UNCLASSIFIED.

MISNIK, G. YE.

Mulberry

Influence of soaking on an increase of cell permeation of the stems of olive, mulberry and ash trees. Les. Khoz. # no. 1, 1951.

Monthly List of Russian Accessions Library of Congress, April 1962. UNCLASSIFIED.

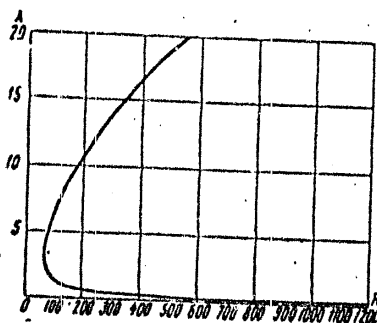
MISNIK, G. E.

22590. MISNIK, G. E. Normy po shoru i obrabotke semyan (Drev-snokustarnikovye) porody). Byulleten' glav. Botan. Sada, vpr. 2, 1949, S. 94-96

SO: LITOPIS' No. 30, 1949

ACCESSION NR: AT4006717

ENCLOSURE: 01



Card 3/3

ACCESSION NR: AT4006717

University). It was found that the equation for stability of a Taylor flow exhibits spectral characteristics which differ strongly from those of the corresponding equation for a Poiseuille flow. Orig. art. has: 1 table, 1 graph, 6 formulas.

ASSOCIATION: Vykhislitel'nyy tsentr MGU (Computer center, Moscow State University)

SUBMITTED: 00

DATE ACQ: 16Dec63

ENCL: 01

SUB CODE: AI

NO REF SOV: 000

OTHER: 005

ACCESSION NR: AT4006717

S/3043/63/000/002/0182/0189

AUTHOR: Krylov, A. L.; Misnik, A. F.

TITLE: Stability of viscous flow between two rotating cylinders

SOURCE: Moscow. Universitet. Vychislitel'nyy tsentr. Sbornik rabot, no. 2, 1963. Chislennyye metody v gazovoy dinamike, 182-189

TOPIC TAGS: viscous flow stability, flow between rotating cylinders, Taylor flow equation, viscous incompressible flow, finite difference method, neutral curve equation, flow equation integration, viscous fluid, incompressible fluid, viscous incompressible fluid, flow stability equation, flow equation spectral property, viscous flow, incompressible flow, Taylor flow, curved flow stability

ABSTRACT: The article presents the results of numerical integration of the Orr-Sommerfeld equations for Taylor's flow. This concerns a flow of incompressible fluid between concentrically rotating cylinders of infinite height. The concepts of critical Reynold's number and neutral curve are defined. The latter was plotted in a plane (R, λ) , where R is the Reynold's number of a streamline flow and λ is the frequency of stability loss, while turbulence is written as $f(r)e^{i\lambda z}$ (see graph in the Enclosure). Calculations were carried out on a "Streia" computer at the Vychislitel'nyy tsentr MGU (Computer center of Moscow State University).

Card

1/3

MIKHAI'CHENKO, V.M. [Mykhal'chenko, V.M.]; MISNICHENKO, O.M.;
 MARCHENKO, T.I.; MIKHAYLOVA, M.M. [Mykhal'ova, M.I.];
 SHVED, M.P.; OSTAPENKO, M.G. [Ostapenko, M.H.];
 BULDEY, I.A.; MARKIN, M.S., glav. red.; OSTAPENKO, M.G.
 [Ostapenko, M.H.], otv. za vyp.; MINEVICH, M.I. [Minevych,
 M.I.], tekhn. red.

[Soviet trade in the Ukrainian S.S.R.; statistical
 abstract] Radians'ka torhivlia v Ukraini'kii RSR; statystyc-
 nyi zbirnyk. Kyiv, Derzh. stat. vyd-vo, 1963. 318 p.
 (MIRA 16:9)

1. Ukraine. Statisticheskoye upravleniye. 2. Otdel statistiki
 trgovli TSentral'nogo statisticheskogo upravleniya pri sovete
 ministrov Ukr. SSR (for Mikhail'chenko, Misnichenko, Marchenko,
 Mikhaylova, Shved, Ostapenko, Buldey). 3. Nachal'nik TSentral'-
 ного statisticheskogo upravleniya Ukr.SSR (for Markin).
 (Ukraine--Commerce) (Ukraine--Statistics)

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Student Secretary of the Division of Chemistry of the Silesian
Technical University inaugurating the 50th anniversary of
Chemik 18 no.1:30-32 Jan 1969.

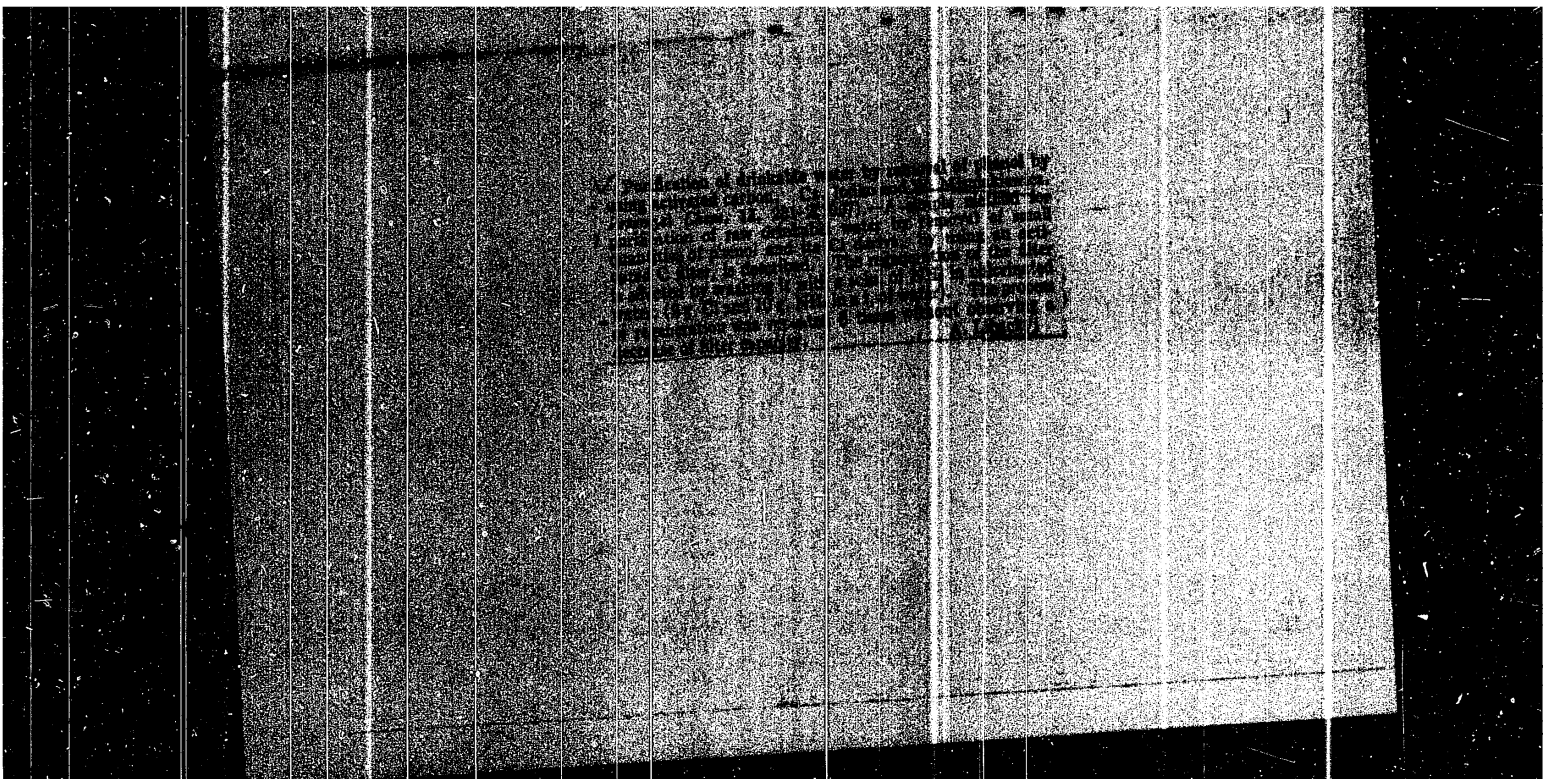
1. Silesian Technical University, Katowice.

SOKALSKI, Zdzislaw; MISNIAKIEWICZ, Walery

Physical and chemical properties of plastics - water systems,
registered by the flow potential. Przem chem 40 no.8:456-460 Ag '61.

1. Katedra Chemii Fizycznej Politechniki Slaskiej, Gliwice

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134700040-6



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Poland/Chemical Technology. ~~Chemical~~
treatment. Sewage water, ~~1956~~

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5382

Author: Misniakiewicz, Walery

Institution: None

Title: The Problem of Chlorine Dioxide Utilization for Purification of
Drinking Water and Sewage Water

Original
Publication: Chemik, 1956, 9, No 6, 179-180

Abstract: No abstract

Card 1/1